#5

SEQUENCE LISTING

<110> DURING, MATTHEW   KAPLITT, MICHAEL

<120> GLUTAMIC ACID DECARBOXYLASE (GAD) BASED DELIVERY SYSTEM

<130> 102182-12

<140> 09/863,179
<141> 2001-05-23

<150> 60/206,281
<151> 2000-05-23

<160> 17

<170> PatentIn version 3.0

<210> 1
<211> 29
<212> DNA
<213> Homo sapiens

<400> 1
atatatctcg agatggcatc tcggggctc   29

<210> 2
<211> 33
<212> DNA
<213> Homo sapiens

<400> 2
gcgcgcgaat tcttataaat cttgtccaag gcg   33

<210> 3
<211> 28
<212> DNA
<213> Homo sapiens

<400> 3
tatatctcga gatggcgtct tcgaccca   28

<210> 4
<211> 29
<212> DNA
<213> Homo sapiens

<400> 4
cagctgaatt cttacagatc ctggcccag   29

<210> 5
<211> 47
<212> DNA

<213>   Homo sapiens

<400>   5
gttttgggac gtttcctgag tcaggtgagt ctatgggacc cttgatg   47

<210>   6
<211>   40
<212>   DNA
<213>   Homo sapiens
<400>   6
cagttttttcg cgaatctgtg ggaggaagat aagaggtatg   40

<210>   7
<211>   30
<212>   DNA
<213>   adeno-associated virus 2

<400>   7
ccgtggccga gaagctgcag cgcgactttc   30

<210>   8
<211>   47
<212>   DNA
<213>   adeno-associated virus 2

<400>   8
catcaagggt cccatagact cacctgactc aggaaacgtc ccaaaac   47

<210>   9
<211>   44
<212>   DNA
<213>   Homo sapiens

<400>   9
ccaccaccac caaagcccgc aggtgagtct atgggaccct tgat   44

<210>   10
<211>   45
<212>   DNA
<213>   Homo sapiens

<400>   10
cctgctgtcg tccttatgcc gctctgtggg aggaagataa gaggt   45

<210>   11
<211>   30
<212>   DNA
<213>   adeno-associated virus 2

<400>   11
agtctctaga gtcctgtatt agaggtcacg   30

<210> 12
<211> 44
<212> DNA
<213> adeno-associated virus 2

<400> 12
atcaagggtc ccatagactc acctgcgggc tttggtggtg gtgg   44

<210> 13
<211> 45
<212> DNA
<213> adeno-associated virus 2

<400> 13
acctcttatc ttcctcccac agagcggcat aaggacgaca gcagg   45

<210> 14
<211> 30
<212> DNA
<213> adeno-associated virus 2

<400> 14
cgggtgacgt agtagtctag agcatggaaa   30

<210> 15
<211> 18
<212> DNA
<213> Woodchuck hepatitis virus

<400> 15
tggcgtggtg tgcactgt   18

<210> 16
<211> 18
<212> DNA
<213> Woodchuck hepatitis virus

<400> 16
gttccgccgt ggcaatag   18

<210> 17
<211> 22
<212> DNA
<213> Woodchuck hepatitis virus

<400> 17
tccgggactt tcgctttccc cc   22